



Form PTO-148 (REV. 8-83) PATENT & TRADEMARK OFFICE US Dept. of Commerce PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		ATTY DOCKET NO. 112162		APPLICATION NO. 10/070,684		
		APPLICANT Tomoko OHTSUKI				
		FILING DATE September 12, 2002		Group Art Unit: 2828		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1	5,838,709	11/17/1998	Owa		
	2	5,745,284	04/28/1998	Goldberg et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	3	JP A 8-334803	12/17/1996	Japan		
	4	JP A 9-148658	06/06/1997	Japan		
	5	JP A 11-160746	06/18/1999	Japan		
	6	EP 0 919 852 A1	06/02/1999	Europe		
	7	JP A 3-88379	04/12/1991	Japan		
	8	JP A 10-339891	12/22/1998	Japan		
	9	JP A 11-52443	02/26/1999	Japan		
	10	EP 1 063 742 A1	12/27/2000	Europe		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
	11	Petrov et al., "Vacuum ultraviolet application of $\text{Li}_2\text{B}_4\text{O}_7$ crystals: Generation of 100fs pulses down to 170nm" JOURNAL OF APPLIED PHYSICS, vol. 84, no. 11, December 1, 1998, pp. 5887-5892.				
	12	Yoshimura et al., "Noncritically phase-matched frequency conversion in $\text{Cd}_x\text{Y}_{1-x}\text{Ca}_4\text{O}(\text{BO}_3)_3$ crystal", OPTICS LETTERS, vol. 24, no. 4, February 15, 1999, pp. 193-195.				
	13	Zhang-Gui Hu, et al., "A New Nonlinear Optical Borate Crystal $\text{K}_2\text{Al}_2\text{B}_2\text{O}_7(\text{KAB})$ ", JAPANESE JOURNAL OF APPLIED PHYSICS, vol. 37 (1998), No. 10 A, (Part 2 Letters), October 1, 1998, pp. L1093-L1094.				
	14	Zhang et al., "Growth and noncritical phase-matching third-harmonic-generation of $\text{Gd}_x\text{Y}_{1-x}\text{Ca}_4\text{O}(\text{BO}_3)_3$ ", JOURNAL OF CRYSTAL GROWTH, vol. 213, No. 3/4, June 1, 2000, pp. 415-418				
EXAMINER				DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Date: July 14, 2004